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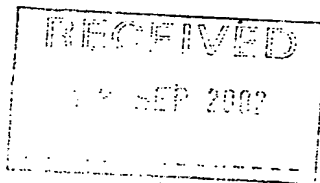
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Your Ref : 1/10478/AU-MAH/PAB

Examiner's first report on patent application no. 83595/01
by SAMSUNG ELECTRONICS CO., LTD.

Dear Madam/Sir,

I am replying to the request for normal examination. I have examined the application and I believe that there are lawful grounds of objection to the application. These grounds of objection are:

1. The invention defined in at least claim 1 is not novel and lacks an inventive step when compared with the following documents which disclose all the essential features of the invention claimed:

EP 852361 A (TEXAS INSTRUMENTS INCORPORATED) 8 July 1998
WO 99/38320 A (PRINCETON VIDEO IMAGE INC.) 29 July 1999
US 5519449 A (YANAI et al.) 21 May 1996
US 5243447 A (BODENKAMP et al.) 7 September 1993
US 5091784 A (SOMEYA et al.) 25 February 1992
CA 2147301 A (SCIENTIFIC ATLANTA, INC.) 20 October 1995
WO 01/43431 A (MORECOM INC.) 14 June 2001

2. The invention defined in claims 1, 33 and 56 is not novel and lacks an inventive step when compared with the following document which discloses all the essential features of the invention claimed: EP 695086 B (GRUNDIG AKTIENGESELLSCHAFT) 29 December 1999.

Furthermore, appended claims 2, 4-8, 11, 34, 36, 38, 46-48, 51 and 57-59 relate to parameters or structures which can be arrived at by the application of normal design procedures when the general technical knowledge about the state of the art is used and hence do not contribute to patentable invention.

3. The invention defined in claims 1, 33, 56 and 73 is not novel when compared with the following document which discloses all the essential features of the invention claimed: US 5818512 A (FULLER) 6 October 1998.

Furthermore, appended claims 2-8, 17, 18, 34, 35, 46-48, 57-61 and 74-78 relate to parameters or structures which can be arrived at by the application of normal design procedures when the general technical knowledge about the state of the art is used and hence do not contribute to patentable invention.

4. The specification does not comply with Section 40(4). The claims do not relate to one invention only (or to a group of inventions so linked as to form a single general inventive concept). In assessing whether there is more than one invention claimed, I have given consideration to those features which can be considered to be "special technical features". These are features which potentially distinguish the claimed combination of features from the prior art. Where different claims have different special technical features they define different inventions. I have found that there are different inventions as follows:
- (1) Claims 1-18, 33-35, 56-72 and 73-89 are directed to an apparatus for transmitting a video signal and graphics data to a target device. It is considered that the controller generating a display control signal comprises a first "special technical feature".
 - (2) Claims 19-32 are directed to an apparatus for displaying a video signal and graphics data. It is considered that a mixer combining the video signal and graphics data comprises a second "special technical feature".

These groups are not linked as to form a single general inventive concept, that is, they do not have any common inventive features, which define a contribution over the prior art. The common concept linking together these groups of claims is the display control signal. However this concept is not novel in the light of US 5818512 (FULLER). Therefore these claims do not relate to one invention only, a posteriori.

You have 21 months from the date of this report to overcome all my objection(s) otherwise your application will lapse. You will need to pay a monthly fee for any response you file after 12 months from the date of this report.

Yours faithfully,



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